LABORATORY

OF THE

INLAND REVENUE DEPARTMENT

OTTAWA, CANADA

BULLETIN No. 88

PARIS GREEN, 1902-3

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W. J. GERALD, Esq.,
Deputy Minister of Inland Revenue.

OTTAWA, July 31, 1903.

SIR,—I have to submit herewith a tabulated statement descriptive of the samples of Paris Green which were collected in accordance with your instructions of March 27 last, and also of a smaller collection of the same article made previously, the particulars of which were reported to you on October 27, 1902, but have not yet been published. Taking both collections, the number of samples submitted to examination was as follows:—

In Prince Edward Island	8
Nova Scotia	18
New Brunswick	18
St. Hyacinthe District	18
Montreal "	18
Kingston "	18
Toronto "	16
London "	17
Manitoba and N. W. Territories	20
British Columbia	18
Total	169

Of this total the number of samples pronounced to be adulterated, or challenged for other defects, was as follows:—

	Adulterated.	Challenged.
From Prince Edward Island	2	0
St. Hyacinthe District	1	1
Montreal District	1	0
Toronto "	0	2
	4	3

Discarding all the samples to which objection has been taken (7 out of 169) the percentage of genuine is 95·8. From this result it seems that an improvement has been taking place during the last ten years in the quality of Paris green sold in the Dominion. The averages of pure samples in the various collections made are given in the following memorandum:—

1894	72·2 p.c. genuine
1895	89·1 p.c. "
1902–3	95·8 p.c. "

I have the honour to be, sir,
Your obedient servant,

THOMAS MACFARLANE,
Chief Analyst.

Results of examining 169 Samples of

Date of Collection.	No. of Sample.	Name and Address of Vendor.	Quantity.	Cost.	Name and Address of Manufacturer or Furnisher as given by Vendor.
1902		*District of Halifax.*		$ cts.	
July 31	4311	Finnell and Chandler, Charlottetown, P.E.I			Lewis Berger & Sons
" 31	4312	Cawell Bros., Charlottetown, P.E.I			"Lion Brand"
Aug. 6	20226	T. P. Collins, Kentville, N.S			Canada Paint Co., Montreal, Que.
" 11	20231	J. R. Rawley, Halifax, N.S.			A. B. Ansbacher, New York
July 23	17844	A.C. Smith & Co., St. John, N.B.			J. Pfeiffer, New York, N.Y.
" 23	17845	George A. Moore, St. John, N.B.			Canada Paint Co., Montreal
" 21	23381	J. E. Marceau et Frère, Lac Mégantic, Quebec			" "
" 24	23387	S. Bourgeois, St. Hyacinthe, Que.			Lewis Berger & Sons, London, Eng
" 22	21222	Palascio Hardware Co., 1901, Notre Dame St., Montreal			Canada Paint Co., Montreal
" 22	21223	L. Lafleur, 1932 Notre Dame St., Montreal			A. B. Ansbacher, New York
" 23	21227	John Corbett, Princess St., Kingston			L. Pfeiffer, New York
" 23	21228	W. A. Mitchell, Princess St., Kingston			Canada Paint Co., Montreal
" 21	22033	C. E. Nasmith, Stratford, Ont.			
" 22	22036	W. D. Rougoic, Goderich, Ont.			Saunders & Pearcy, Toronto
" 31	17423	W. Wyatt, Winnipeg, Man			John Lucas & Co., New York
" 31	17425	Campbell & Son, "			P. B. Dodd & Co., Montreal
" 28	21680	C. Nelson, Vancouver, B.C.			A. B. Ansbacher, New York
" 28	21681	E. S. Knowlton, Vancouver, B.C.			J. Pfeiffer, New York
	Special.	Cawell Bros., Charlottetown, P.E.I			Sent by Vendors
1903		*District of Halifax.*			
April 16	20241	C. C. Richards, Yarmouth, N.S.	3 bots.	0 45	Canada Paint Co., Montreal
" 20	20262	R. B. Dakin, Windsor, N.S.	3 "	0 25	" "
" 21	20265	Duriock & Armstrong, Windsor	3 "	0 20	Lewis Berger & Sons, London, Eng
" 21	20266	Wilcox Bros., Windsor, N.S.	3 "	0 25	" "
" 22	20304	Crowe Bros., Truro, N.S.	3 "	0 25	" "
" 28	20314	Hattie & Mytins, Halifax, N.S.	1 lb.	0 30	Canada Paint Co., Montreal
" 28	20315	Black Bros., Halifax	1 "	0 30	" "
" 28	20316	A. M. Bell, Halifax	1 "	0 20	A. B. Ansbacher & Co., Chicago.
" 30	20320	Crowell Bros., Halifax	1 "	0 20	" "
" 30	20321	C. E. Huggins, Halifax	1 "	0 20	Simson Bros., Halifax.
" 30	20323	R. McFatridge, Halifax	1 "	0 25	Canada Paint Co., Montreal
" 30	20326	W. H. Stevens, Dartmouth	3 pkgs.	0 30	Hattie & Mylins, Halifax
" 30	20329	Jas. Simmonds & Co., Dartmouth.	3 "	0 25	Canada Paint Co., Mon real
May 1	20331	G. H. Colwell, Halifax	3 "	0 40	Brown & Webb, Halifax
" 1	20332	H. A. Taylor, Halfax	3 "	0 30	Canada Paint Co., Montreal
" 1	20334	Simson Bros., Halifax	3 "	0 25	" "
April 20	4329	R. I. Holman, Summerside	3 cans.	0 60	
" 20	4330	F. W. Strong, Summerside	3 "	0 60	
" 21	4333	S. W. Crabbe, Charlottetown	3 "	0 54	
" 22	4335	D. Gordon, Georgetown	3 "	0 66	
" 22	4337	John Knight, Georgetown	3 "	0 60	
		District of New Brunswick.			
" 13	17864	P. Nase & Son, Main St., St. John	3 cans.	0 75	Canada Paint Co., Montreal
" 13	17865	McMulkin & Jordan, Main St., St. John	3 "	0 75	J. Pfeiffer, New York
" 14	17866	George A. Moore, 109 Brussel St., St. John.	3 "	0 75	" "

Paris Green as sold in 1902–3.

Results of Analysis.					Name of Analyst and Remarks.	No. of Sample.
Cupric Oxide.	Arsenous Acid.	Acetic Anhydride.	Moisture.	Solubility in Ammonia.		
p.c.	p.c.		p.c.			
29·00	51·32	Undetermined.				
7·00	20·20	"		Much residue	Genuine Adulterated contains 60·4 p.c. of barium and green coloring matter soluble in methy-alcohol	4311
29·81	54·30	"			Genuine	4312
30·50	53·60	"			"	20226
30·40	53·60	"			"	20231
30·50	55·89	"			"	17844
					"	17845
30·20	50·48	"				
30·40	50·61	"			"	21831
					"	21837
30·06	51·88	"				
					"	21222
29·70	54·00	"				
31·15	51·42	"			"	21223
30·20	52·50	"			"	21227
31·90	53·50	"			"	21228
31·50	54·20	"			"	20083
30·20	54·79	"			"	20096
31·80	57·62	"			"	17423
31·00	56·92	"			"	17425
30·40	54·81	"			"	21680
30·80	52·39	"			"	21681
					"	Special.
31·02	55·56	"	1·07	No residue	M. Bowman, unadulterated	20241
30·19	52·57	"	2·01		" "	20242
31·95	54·17	"	1·16		" "	20265
31·73	53·54	"	1·16		" "	20266
31·88	53·64	"	1·01		" "	20304
30·52	55·25	"	0·87	No residue	" "	20314
30·74	55·91	"	2·12	"	" "	20315
31·63	54·96	"	1·48	"	" "	20316
31·46	54·35	"	1·44	"	" "	20329
31·07	55·10	"	1·31	"	" "	20331
31·07	53·61	"	1·23	"	" "	20333
30·53	54·77	"	1·23	"	" "	20336
31·15	54·16	"	2·29	"	" "	20329
32·38	54·44	"	1·09	"	" "	20331
31·55	54·41	"	1·31	"	" "	20332
31·57	54·43	"	1·22	"	" "	20334
32·05	55·22	"	1·16	"	" "	4329
31·26	55·22	"	0·95	"	" "	4330
undetermined.	undetermined.	"	0·48	Large residue of barytes	" adulterated with 65·44 p.c. of barytes and green coloring matter	4333
31·75	55·03	"	1·17	No residue	M. Bowman, unadulterated	4335
30·62	53·83	"	1·06	"	" "	4337
30·50	51·17	Undetermined.	Undetermined.	Complete	Alph. Lemoine; unadulterated	17864
31·30	53·13	"	"	"	"	17865
30·70	53·35	"	"	"	"	17866

RESULTS of examining 169 Samples of

Date of Collection.	No. of Sample.	Name and Address of Vendor.	Quantity.	Cost.	Name and Address of Manufacturer or Furnisher as given by Vendor.
1903.		*District of New Brunswick*—Con.		$ cts.	
April 15	17873	W. H. Thorne Co., Ltd., St. John	3 "	0 45	Canada Paint Co., Montreal
" 15	17874	T. B. Barker & Sons, 57-59 Dock St., St. John.	2 "	0 60	" "
" 16	17877	W. B. MacKay & Co., Main St., Sussex	3 "	0 75	E. J. Barry, 18 Cliff St., New York
" 16	17881	Sussex Mercantile Co., Main St., Sussex	3 "	0 54	Canada Paint Co., Montreal
" 17	17889	The Sumner Co., Main and Weeley Sts., Moncton.	3 "	0 75	J. Pfeiffer, New York
" 17	17890	Robertson & Givan, Main and Duke Sts., Moncton.	3 "	0 66	Canada Paint Co., Montreal
" 18	17894	Winter & Co., 282 Main St., Moncton	3 "	0 75	Lewis Berger & Sons, London, Eng.
" 21	17899	Fred. E. Rose, King St., St. Stephen	3 "	0 75	J. Pfeiffer, New York
" 21	17900	DeWolfe Hardware Co., King St., St. Stephen.	3 "	0 60	Canada Paint Co., Montreal
" 23	17905	A. E. Jones, King St., Woodstock	3 "	0 60	" "
" 23	17906	W. F. Diblee & Son, Main St., Woodstock.	3 "	0 60	" "
" 25	17917	Geo. Y. Diblee, Queen St., Fredericton	3 "	0 75	Lewis Berger & Sons, Eng
" 25	17919	Tweedale & Co., Queen St., Fredericton	3 "	0 75	J. Pfeiffer, New York
		District of St. Hyacinthe.			
" 17	23341	Raymond et Frères, St. Hyacinthe	1½ lbs.	0 30	Vendors
" 20	23347	Victor Trudeau, St. Lambert	10½ oz.	0 10	
" 21	23351	A. Bergeron, Iberville, Que	1 lb	0 20	Lewis Berger & Sons, Eng
" 21	23354	Coté et Frères, St. Johns, Que	1 "	0 25	Canada Paint Co., Montreal
" 22	23361	W. Campbell, Lacolle	2 lbs.	0 40	Howden Starke & Co., Montreal.
" 22	23365	John Hunter, Lacolle	1 "		A. Ramsay & Son
" 28	23369	H. R. Thompson, Ulverton	1 lb	0 20	Canada Paint Co., Montreal
" 28	23367	A. Allard, Lachine	12 oz	0 15	Kavanagh & Co., Montreal
May 1	23389	Thos. Lapointe, Terrebonne	1 lb	0 20	Canada Paint Co., Montreal
" 13	23390	Simeon Papillan, Notre Dame de St. Hyacinthe.	1 "	0 25	Lewis Berger & Sons, Eng
" 13	23392	Victor Gervais, St. Hyacinthe	1 "	0 25	Canada Paint Co., Montreal
" 13	23395	Jos. Leduc, St. Hyacinthe	1 "	0 25	Lewis Berger & Sons, Eng
" 14	23397	P. C. Lemoine, Sorel	1 "	0 25	
" 13	23400	J. O. Fagnan, Sorel	1 "	0 25	A. B, Ansbacher & Co
" 14	23602	A. C. Trempe, Sorel	½ "	0 20	Canada Paint Co., Montreal
" 15	23603	J. B. St. Pierre, St. Hyacinthe	1 "	0 25	L. B. Hibert, Montreal
		District of Montreal.			
" 8	21255	A. E. Breyent, 1786 St. Catherines St.	2 pkgs.	0 30	L. Berger & Sons, Eng
" 8	21256	C. Rousin, 1719 St. Catherines St	1 lb	0 25	Canada Paint Co., Montreal
" 8	21257	Wilson, Rousseau & Co., 167 St. Lawrence St.	1 "	0 25	" "
" 8	21258	E. D. Colleret & Co., 26 St. Lawrence St.	1 "	0 25	
" 8	21259	A. Beaudoin, St. Lawrence St., Montreal	1 "	0 25	B. Ansbacher & Co
" 9	21260	Dr. G. Demer, 2185 Notre Dame St	1 "	0 30	
" 12	21261	L. A. Lambert, 218 St. Paul St., Montreal.		0 18	Lewis Berger & Sons, Eng

Paris Green as sold in 1902–3—*Continued.*

Results of Analysis.					Name of Analyst and Remarks.	No. of Sample.
Cupric Oxide.	Arsenious Acid.	Acetic Anhydride.	Moisture.	Solubility in Ammonia.		
p. c.	p. c.	p. c.	p. c.			
30·20	52·76	Undetermined.	Undetermined.	Complete.....	Alph. Lemoine; unadulterated.....	17873
29·70	53·39	" ..	" ..	"	" "	17874
29·60	55·07	" ..	" ..	"	" "	17877
30·90	56·70	" ..	" ..	Slight residue...	Miss E. Davidson "	17881
31·10	50·35	" ..	" ..	" ...	" "	17880
31·40	50·06	" ..	" ..	Complete.....	"	17890
31·70	53·83	" ..	" ..	"	" "	17894
31·00	54·20	" ..	" ..	"	Alph. Lemoine "	17899
30·70	54·26	" ..	" ..	"	" "	17900
29·50	53·50	" ..	" ..	"	" "	17905
29·20	53·20	" ..	" ..	"	" "	17906
29·70	53·60	" ..	" ..	"	" "	17917
30·10	53·89	" ..	" ..	"	" "	17919
29·80	53·70	" ..	" ..	"	" "	23341
30·30	52·05	" ..	" ..	Slight residue ..	Alph. Lemoine; unadulterated, but mixed with small cakes of a mixture of paris green and oxide of iron, the latter evidently derived from a previous containing vessel.	23347
31·40	54·12	" ..	" ..	Slight sediment.	Miss E. Davidson; genuine.....	23351
30·90	54·77	" ..	" ..	Complete.....	" "	23354
11·70	41·43	" ..	" ..	26·70 p.c. sediment.	Alph. Lemoine; adulterated with barytes.	23361
31·00	53·87	" ..	" ..	Slight sediment.	Miss E. Davidson; genuine.....	23365
30·00	55·17	" ..	" ..	Complete.....	" "	23369
.....	.....	" ..	" ..	Muddy sediment.	" "	23367
29·80	54·08	" ..	" ..	Complete.....	" "	23389
31·70	55·87	" ..	" ..	"	Alph. Lemoine; unadulterated	23390
30·90	54·39	" ..	" ..	"	" "	23392
30·60	54·14	" ..	" ..	"	" "	23395
31·40	52·13	" ..	" ..	"	" "	23397
29·30	53·39	" ..	" ..	"	" "	23400
29·50	53·02	" ..	" ..	"	" "	23402
30·30	54·51	" ..	" ..	"	" "	23403
32·69	55·09	Not determined.	0·80	Practically complete.	Dr. J. T. Donald, Montreal; genuine....	21255
32·07	52·99	" ..	0·76	" ..	" " ...	21256
32·07	55·56	" ..	0·79	" ..	" "	21257
31·80	53·80	" ..	0·59	" ..	" "	21258
31·35	54·99	" ..	0·91	" ..	" "	21259
21·60	26·79	" ..	3·87	28·2 p.c. insoluble in ammonia.	Dr. J. T. Donald; contains 10·84 p.c. barytes, also terra alba or plaster of paris = 13·89 p.c.; adulterated with barytes and sulphate of lime.	21260
31·00	54·28	" ..	0·75	Practically complete.	Dr. J. T. Donald; genuine	21261

RESULTS of Examining 169 Samples of

Date of Collection.	No. of Sample.	Name and Address of Vendor.	Quantity.	Cost.	Name and Address of Manufacturer or Furnisher as given by Vendor.
1903.		*District of Montreal*—Con.		8 cts.	
May 8	21262	A. A. Wilson, 219 St. Paul St.	1 lb	0 20	
" 6	21263	Keddy & Kenny, Hemmingford, Que.	1 "	0 20	Lewis Berger & Sons, Eng
" 6	21264	John McFee, Hemmingford	1 "	0 20	Canada Paint Co., Montreal
" 6	21265	J. V. Amyrauld, Hemmingford	1 "	0 25	Howden, Starke & Co.
" 7	21266	C. Bisson, St. Vincent de Paul	1 "	0 20	Sherwin-Williams Paint Co., Montreal.
" 7	21267	V. Auclair, St. Vincent de Paul	1 lb	0 25	A. Ramsay & Son
" 7	21268	W. P. Brennan, St. Thérèse	1 "	0 20	
" 7	21269	G. L. Meikle & Co., Lachute	1 "	0 25	
" 7	21270	H. Tracer, jr., Lachute	1 "	0 25	E. J. Barry, New York
		District of Kingston.			
April 21	23173	A. C. Miller, King St., Brockville	1 lb	0 20	
" 21	23174	R. H. Stuart, King St., Brockville	3 pkgs.	0 30	Jno. Lucas & Son
" 21	23175	J. Williams, Brockville	1 lb	0 25	
" 21	23176	F. R. Curry, King St., Brockville	1 "	0 25	P. D. Woods & Co.
" 21	23177	V. T. Kincard, King St., Brockville	3 pkgs.	0 38	Canada Paint Co., Montreal
" 22	23178	R. W. Ross & Co., Prescott, Ont.	1 lb	0 20	Lewis Berger & Sons, England
" 22	23179	A. A. Harding, Prescott, Ont	1 "	0 25	Lyman, Sons & Co
" 21	23167	A. Strachan, Princess St., Kingston	1 "	0 25	Jno. Lucas & Son.
" 21	23168	Walton & Strange, Princess St., Kingston	1 "	0 25	Canada Paint Co., Montreal.
" 21	23169	G. W. Mahood, Princess St., Kingston.	1 "	0 35	
" 21	23170	H. B. Taylor, Kingston	1 "	0 30	
" 21	23171	H. Wade, King St., Kingston	3 pkgs.	0 38	Jno. Lucas & Son
" 21	23172	E. Ebells, King St., Kingston	1 lb	0 25	Canada Paint Co., Montreal.
" 30	23180	C. A. McHaffer, Cornwall, Ont.	1 "	0 35	Sherwin-Williams Paint Co.
" 30	23181	E. H. Brown, Cornwall, Ont	1 "	0 25	Lyman, Sons & Co., Montreal.
" 30	23182	H. Pitts, Cornwall, Ont.	1 "	0 25	Canada Paint Co., Montreal.
		District of Toronto.			
April 16	23451	Wm. Crossland, Barrie, Ont	1 lb	0 25	
" 16	23452	H. G. Robertson, Barrie, Ont	1 "	0 25	Nobbs Hardware Co.
" 17	23453	Thomas Ramsay, Hamilton	1 "	0 20	
" 17	23454	Parke & Parke, Hamilton	1 "	0 20	
" 17	23455	H. E. Hawkins, King St., Hamilton	1 "	0 20	Dominion Drug Co
" 17	23456	John Mack, James St., Hamilton	1 "		
" 17	23457	J. A. Zimmerman, King St., Hamilton.	1 "	0 25	
" 17	23458	Wood, Valance & Co., Hamilton	3 pkgs.	0 30	
" 17	23459	" " "	3 "	0 30	John Lucas & Co.
" 17	23460	G. W. Spackman, Market Sq., Hamilton	3 "	0 25	L. Berger & Sons, England
" 18	23461	A. Stewart, Guelph, Ont	1 lb	0 20	
" 18	23462	W. Herod, Guelph, Ont	1 "	0 20	
" 18	23463	A. B. Petrie, St. Catharines	1 "	0 20	
" 18	23106	P. Dwyer, Guelph, Ont.	1 "	0 25	
" 18	23107	McEdward & Moon, Guelph, Ont	1 "	0 25	
" 18	23108	H. Southcott, Guelph, Ont	1 "	0 25	John Lucas & Son.
		District of London.			
April 16	22067	Peter Hymman, Berlin, Ont	1 lb	0 25	Canada Paint Co., Montreal.
" 17	22071	Gies Wolfhard & Co., Berlin	1 "	0 25	Vendors
" 17	22072	Theron Buchanan, Galt, Ont	1 "	0 30	Steele & Wood, Toronto

Paris Green as sold in 1902–3.—*Continued.*

Results of Analysis.					Name of Analyst and Remarks.	No. of Sample.
Cupric Oxide.	Arsenious Acid.	Acetic Anhydride.	Moisture.	Solubility in Ammonia.		
p. c.	p. c.	p. c.	p. c.			
31·85	55·29	Not determined.	0·58	0·25 p.c. insoluble in ammonia.	Dr. J. T. Donald; genuine	21262
31·30	53·51	" ..	0·95	Practically complete.	" "	21263
30·51	53·97	" ..	1·06	" ..	" "	21264
30·78	52·99	" ..	1·20	" ..	" "	21265
30·69	54·11	" ..	0·88	" ..	" "	21266
29·35	53·20	" ..	1·02	Practically complete.	" "	21267
30·95	53·93	" ..	1·15	" ..	" "	21268
32·07	53·68	" ..	1·47	" ..	" "	21269
31·04	53·99	" ..	0·83	" ..	" "	21270
30·30	53·52	Undetermined.	Undetermined.	Complete	Alph. Lemoine; unadulterated	23173
31·30	54·63	" ..	" ..	"	" "	23174
31·40	55·20	" ..	" ..	"	" "	23175
31·50	56·74	" ..	" ..	"	" "	23176
30·50	54·14	" ..	" ..	"	" "	23177
31·60	55·81	" ..	" ..	"	" "	23178
30·70	53·77	" ..	" ..	"	" "	23179
30·10	54·39	" ..	" ..	"	" "	23167
30·20	54·94	" ..	" ..	"	" "	23168
31·80	55·94	" ..	" ..	"	" "	23169
31·00	54·95	" ..	" ..	"	" "	23170
29·20	54·32	" ..	" ..	"	" "	23171
30·00	55·32	" ..	" ..	"	" "	23172
30·60	55·19	" ..	" ..	"	" "	23180
31·10	54·51	" ..	" ..	"	" "	23181
30·40	55·06	" ..	" ..	"	" "	23182
30·04	55·52	9·71	0·95	Complete	Dr. W. H. Ellis; unadulterated	23451
29·18	51·28	9·71	0·93	"	" "	23452
30·26	51·96	9·94	0·88	"	" "	23453
27·28	54·77	8·36	0·54	Trace insoluble.	Dr. W. H. Ellis; contains too little copper and too much arsenious acid: contains free arsenious acid.	23454
30·40	54·01	9·04	0·65	Complete	Dr. W. H. Ellis; unadulterated	23455
30·53	50·66	9·26	0·80	"	" "	23456
32·37	52·79	9·15	0·67	3·40 p.c. insoluble	" "	23457
30·28	52·53	9·37	0·68	Complete	" "	23458
30·54	52·38	9·15	0·81	"	" "	23459
31·52	53·23	8·70	0·81	Trace insoluble.	" "	23460
31·29	52·85	9·37	0·82	"	" "	23461
27·95	58·15	9·04	0·82	"	Dr. W. H. Ellis; composed of paris green with excess of arsenious acid.	23462
31·58	53·79	9·92	0·90	Complete	Dr. W. H. Ellis; unadulterated	23463
30·46	52·58	9·15	0·64	0·23 p.c. insoluble	" "	23106
31·49	52·73	9·83	0·72	Trace insoluble.	" "	23107
31·28	52·85	9·49	0·90	"	" "	23108
31·10	55·01	Undetermined.	Undetermined.	Complete	Alph. Lemoine; genuine	22067
31·60	55·32	" ..	" ..	"	" "	22071
31·60	54·08	" ..	" ..	"	" "	22072

Paris Green as sold in 1902-3—*Continued.*

Results of Analysis.					Name of Analyst and Remarks.	No. of Sample.
Cupric Oxide.	Arsenious Acid.	Acetic Anhydride.	Moisture.	Solubility in Ammonia.		
p. c.	p. c.	p. c.	p. c.			
30·80	54·82	Undetermined.	Undetermened.	Complete.	Alph. Lemoino; genuine.	22081
29·90	54·75	"	"	"	" "	22082
30·10	54·39	"	"	"	" "	22084
31·60	54·82	"	"	"	" "	22086
30·10	53·89	"	"	"	" "	22089
29·40	54·44	"	"	"	" "	22092
31·20	55·56	"	"	"	" "	22094
29·30	53·89	"	"	"	" "	22101
30·50	54·14	"	"	"	" "	22102
31·10	55·50	"	"	"	" "	22103
28·30	53·27	"	"	"	" "	22104
29·90	54·26	"	"	"	" "	22107
31·77	57·60	"	1·34		Prof. E. B. Kenrick, Winnipeg; genuine.	17446
28·88	56·99	"	1·55		" " "	17454
31·90	57·77	"	1·15		" " "	17461
31·85	57·58	"	1·39		" " "	17462
32·11	57·61	"	1·12		" " "	17463
28·43	61·62	"	1·39		" " "	17470
32·17	57·74	"	1·13		" " "	17473
31·93	57·63	"	1·14		" " "	17474
31·61	57·73	"	0·75		" " "	17475
31·73	57·50	"	1·11		" " "	17476
32·24	57·65	"	1·14		" " "	21731
31·60	56·94	"	1·25		" " "	21734
32·00	56·90	"	1·16		" " "	21735
31·87	57·53	"	1·16		" " "	21737
30·33	56·56	"	1·34		" " "	21740
30·65	57·47	"	0·90		" " "	21741
30·60	56·96	"	1·17		" " "	21742
31·16	57·02	"	1·25		" " "	21743
29·12	58·40	"	1·4	Traces insoluble.	Dr. C. J. Fagan, Victoria, B.C.; genuine.	21689
28·86	58·10	"	1·4	None insoluble.	" " "	21692
28·86	58·10	"	1·1	"	" " "	21698
29·12	57·50	"	1·38	"	" " "	21700
28·86	58·10	"	1·08	"	" " "	23506
29·12	56·90	"	1·44	"	" " "	23513
28·52	57·70	"	1·26	"	" " "	23524
28·34	58·10	"	1·44	"	" " "	23526
27·56	57·40	"	1·12	"	" " "	23532
28·08	56·90	"	1·22	"	" " "	24533
27·82	56·60	"	1·30	"	" " "	23534
28·08	56·40	"	1·14	"	" " "	23535
28·52	56·40	"	1·30	"	" " "	24543
28·52	56·40	"	1·30	"	" " "	23544
28·86	56·40	"	1·46	"	" " "	23547
28·52	56·60	"	1·26	"	" " "	23550